




Student's Name _____

 <p>2007-2008 Iowa Alternate Assessment <i>Science Rating Scale</i> Grade 8</p>		<p>Check the box if the skill was already mastered (75% accurate or higher, not prompted) (no evidence needed)</p>	<p>Check the box if the skill was not taught (no evidence needed)</p>	<p>Check the box if full physical or full verbal prompts were used (the child was given the answer) (supporting evidence required)</p>	<p>Student Performance in Percent Accurate, minimum 3 trials. Record most recent performance (supporting evidence required)</p>
<input type="checkbox"/> Student was enrolled on March 31, 2007 and is still enrolled as of March 31, 2008					
Science Standard 1: Students can understand and apply skills used in scientific inquiry					
1	Identifies or states purpose of an experiment being conducted in class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
2	Compares and makes conclusions about objects to determine differences in size (shorter/longer)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
3	Compares and makes conclusions about objects of different weights to determine which is heavier/lighter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
4	Observe items and draw conclusions as to texture (rough/smooth)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
5	Observe items and draw conclusions as to viscosity (liquid/solid)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
6	Observe items and draw conclusions about temperature (warmer/colder)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
7	Independently responds to request to answer question about scientific processes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
8	Uses scientific tools of length (ruler) to measure objects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
9	Uses scientific tools of weight (scale) to measure objects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
10	Uses scientific tools of volume (teaspoons, measuring cups, beakers) to measure liquids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
11	Participates, observes, and draws conclusions in an experiment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
12	Observes, describes, and draws conclusions about what happened after an experiment (using words, pictures, or symbols)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
Science Standard 2: Students can understand concepts and relationships in life science					
13	Identifies or answers questions that all organisms consume food and produce waste.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
14	Classifies fossils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %

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15	Identifies or answers questions that organisms not provided with food or water will die	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
16	Classifies the parts of a food chain (animals, plants, humans, decomposers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
17	Specify and explain the relationship between the steps fo a food chain (sun, producer, consumer)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
18	Form conclusions about what happens when an area becomes overpopulated (for example, the deer population) (natural resources become less available)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
Science Standard 3: Students can understand concepts and relationships in Earth/space sciences					
19	Differentiates rocks from solids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
20	Classify earth materials as soil, water, sand, or rock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
21	Classify earth materials as land forms (sand to beaches, rocks to mountains, water to lakes and rivers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
22	Identify distinctive land forms (water, river, lake, beach, mountain, valley)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
23	Recognizes that the surface of the earth changes by different processes and/or natural events (earthquakes, volcanoes, floods, erosion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
24	Labels, points to, or describes characteristics of clouds (color, shape, frequency)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
25	Identify the sun, moon, and stars	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
26	Conduct an investigation about the effect of the sun's light and heat on living things (plant in sun grows, skin=sunburn)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
27	Observe and predict the moon's appearance using labels (full moon, half moon, and quarter moon)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %

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<p>Science Standard 4: Students can understand concepts and relationships in physical science.</p>					
28	Answers questions indicating that when balls are pushed, they roll	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
29	Answers questions indicating that when objects are dropped, they fall to the ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
30	Observe and draw conclusions that objects can move at different speeds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
31	Observe and draw conclusions that objects can move at different speeds based on the amount of force applied	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
32	Answers questions about water and oil not mixing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
33	Answers questions about changes in color of liquids that occur when food color is added to liquids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
34	Answers questions about ice representing water that has been frozen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %
35	Answers questions demonstrating knowledge that one characteristic of the sun is heat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____ %